

IN THE SPECIFICATION

Following is a marked-up version of each amended paragraph of the subject patent application. The Examiner is requested to delete the indicated paragraph and replace it with the amended paragraph. The location for each amended paragraph is indicated.

Delete the material beginning on page 5, line 14, and ending on page 5, line 17, as follows:

~~This process continues for the remaining layers of the tree. Each node of the tree provides an instruction for the processor, and each instruction informs the processor how to interpret the next input bits to determine the address of the next instruction.~~

Insert the text below after the material inserted following line 20 on page 7 according to the amendment mailed on August 26, 2005:

This process continues for the remaining layers of the tree. Each node of the tree provides an instruction for the processor, and each instruction informs the processor how to interpret the next input bits to determine the address of the next instruction.